## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS       | ID NO.  | DATE         |  |  |  |  |
|---------------------------|----------------|---------|--------------|--|--|--|--|
| FEE DETERMINATION         |                |         |              |  |  |  |  |
| O.I.P.E. CLASSIFIER       |                |         |              |  |  |  |  |
| FORMALITY REVIEW          | B <del>Z</del> | 503-883 | 12 - 14 - 00 |  |  |  |  |
| RESPONSE FORMALITY REVIEW |                |         |              |  |  |  |  |

## INDEX OF CLAIMS

| ~ | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
|   | Allowed                    | 1 | Interference |
| _ | (Through numeral) Canceled | Α | Appeal       |
|   | Restricted                 | 0 | Objected     |

| -    | ÷        |                      |                |                |          |               |          |           | restricted 0 |          |          |          |          |                 |          |              |              |              |          |           |          |                     |          |          |            |          |          |           |          |  |          |          |           |              |          |
|------|----------|----------------------|----------------|----------------|----------|---------------|----------|-----------|--------------|----------|----------|----------|----------|-----------------|----------|--------------|--------------|--------------|----------|-----------|----------|---------------------|----------|----------|------------|----------|----------|-----------|----------|--|----------|----------|-----------|--------------|----------|
| .    | Cla      |                      |                |                |          | Date          |          |           | _            |          |          | Cla      | uim      |                 |          |              | D            | ate          |          |           |          |                     |          | Cla      | im         |          |          |           |          | Date   | ,        |          | _         | _            |          |
| ī, - |          | C Original           | 1 2            | 1/6/3/         | 5/28     | T             | Ţ        | 1         |              |          |          | _        | Original |                 |          |              |              |              |          |           |          |                     |          | _        | Original   |          |          |           |          |  | T        | T        | T         | T            |          |
|      | Ę        | P O                  | 1/2            | 1/2            | 3        | ļ             |          |           | -            | ŀ        |          | Final    |          |                 |          |              |              |              |          |           | 1        |                     |          | Final    | [हैं       | -        |          |           |          |  |          |          |           |              | -        |
|      | 1        | Ŭ.                   | . † 7          | 1              | 1        |               | $\top$   | 7         |              | 1        | $\dashv$ | $\vdash$ | 51       | $\top$          | +        |              | 1            | +            | $\top$   | +         | +        | $\top$              | 1        |          | 101        | $\top$   | +        | $\forall$ | 7        | $\neg$   | 7        |          | 7         | ヿ            | ᅥ        |
| 16.  | П        | 2 4                  | _              | 1              | 1        | 寸             | 寸        | $\dashv$  | 寸            |          | 7        |          | 52       | $\top$          | $\top$   | T            | $\top$       | 7            | $\top$   | 1         | 1        | T                   | 1        |          | 102        |          |          |           |          |  | $\neg$   |          | $\exists$ | ┪            |          |
| Ì    | М        | 3 4                  | _              | 17             | 7        | $\neg$        | 十        | 7         |              |          |          |          | 53       | 7               |          | T            |              | T            | 7        |           |          |                     |          |          | 103        | T        | T        |           |          |  |          |          | T         | $\exists$    |          |
|      |          | 4 4                  | 7              |                | 7        |               |          | $\exists$ |              |          |          |          | 54       |                 |          | T            |              | $\top$       |          | 1         | $\Box$   | I                   |          |          | 104        |          | I        | $\Box$    | $\Box$   |  |          | $\Box$   | $\Box$    | $\Box$       |          |
| 1    |          | 3 4                  |                | 17             |          |               | $\Box$   |           |              |          |          |          | 55       |                 | $\perp$  |              | $\perp$      | $\perp$      | ┵        | _         |          | _                   | _        | _        | 105        | _        | $\perp$  | $\perp$   |          | _  |          |          | _         |              |          |
|      |          | 6 4                  |                |                | 1        |               |          | 4         | _            |          | _        | _        | 56       | 4               | 1        | 4            | $\perp$      | $\perp$      | $\perp$  | 4         | 4        | _                   | 4        | _        | 106        | 4        | 4        | 4         | 4        | _  | 4        |          | _         | _            |          |
| •    |          | .7                   |                |                | 1        | $\dashv$      | _        | 4         | _            |          | _        | $\vdash$ | 57       | 4               | 4        | +            | 4            | 4            | 4        | 4         | 4        | +                   | 4        | -        | 107        | -        | 4        | -         | 4        |  | _        |          | $\dashv$  | 4            | _        |
|      | _        | 8 4                  |                | 1              | 1        | ,_            | -        | 4         | _            |          |          | <u> </u> | 58       | 4               | _        |              | +            | 4            | +        | +         | -        | +                   | 4        | -        | 108        | +        | $\dashv$ | 4         | 4        | _  | -        |          | 4         | -            |          |
|      | Ш        | 9 4                  |                | 4              | 14       | 4             | -        | _         |              |          | _        | <u> </u> | 59       | 4               | +        | +            | - -          | - -          | +        | +         | $\dashv$ | -+                  | 4        | -        | 109        | +        | +        | 4         |          | -  | $\dashv$ |          | $\dashv$  | $\dashv$     |          |
|      | Ш        | 10 4                 |                | //             | 1        | -             |          |           | 1            | $\dashv$ |          | -        | 60<br>61 | +               | +        | +            | +            | +            | +        | +         | +        | +                   | 4        | $\vdash$ | 110<br>111 | +        | +        | $\dashv$  | $\dashv$ | -  | -        | -        | $\dashv$  | -            |          |
|      | Н        | 101                  | $\neg$         | +              | 14       |               | -+       | -         |              | $\vdash$ |          | -        | 62       | +               | +        | +            | +            | +            | +        | +         | +        | +                   | 4        | -        | 112        | $\dashv$ | $\dashv$ | +         | -        | -  | -        | $\dashv$ | $\dashv$  | $\dashv$     |          |
|      | H        | 12 .                 |                | 4-             |          | -             | +        | $\dashv$  | -            | $\vdash$ | $\dashv$ | $\vdash$ | 63       | +               | +        | +            | +            | +            | +        | +         | +        | +                   | $\dashv$ | $\vdash$ | 113        | +        | +        | $\dashv$  | $\dashv$ | -  | -        | $\dashv$ | $\dashv$  | $\dashv$     | _        |
|      | $\vdash$ | 14 4                 |                | <del>  '</del> | 1        | -             | $\dashv$ | -         | -            | $\dashv$ | $\dashv$ | -        | 64       | +               | +        | +            | +            | +            | +        | $\dashv$  | $\dashv$ | $\dashv$            | ┥        | $\vdash$ | 114        | -+       | $\dashv$ | $\dashv$  | $\dashv$ | +  | $\dashv$ | -        | $\dashv$  | $\dashv$     | _        |
|      | -        | 15 4                 |                | 1              |          | $\dashv$      | $\dashv$ | ┪         |              | $\dashv$ | $\dashv$ | -        | 65       | $\dashv$        | +        | +            | ╁            | +            | +        | +         | $\dashv$ | 十                   | -        | $\vdash$ | 115        | $\dashv$ | +        | -+        |          | -  | -        | $\dashv$ | $\dashv$  | $\dashv$     | _        |
|      | $\vdash$ | 16                   |                | 1              | 1        | $\dashv$      | $\dashv$ | $\dashv$  |              | $\dashv$ |          |          | 66       | $\top$          | 十        | +            | ╅            | -            | $\top$   | +         | 十        | +                   | 1        |          | 116        | 十        | _        | +         | $\neg$   | ┪  |          | _        | 一         |              |          |
|      | <u> </u> |                      |                | 11             | 1        | -             | +        | 7         |              |          | $\dashv$ | -        | 67       | _               | 十        | $\top$       | +            | +            | $\dashv$ | 7         | 1        | $\top$              | 7        |          | 117        | $\top$   | 7        | 7         |          |  |          |          | $\dashv$  |              |          |
|      | _        | <del></del>          |                | オフ             | 1        |               | _        | $\dashv$  |              |          | $\neg$   |          | 68       |                 | $\top$   | 1            | _            | $\top$       | 7        | T         | 7        |                     | 7        |          | 118        | T        |          |           |          |  |          |          |           |              | _        |
|      | П        | 19                   | _              |                | Ť        |               | 7        | $\neg$    |              |          | _        |          | 69       |                 |          |              | 1            | T            | 1        |           | 寸        | $\neg$              |          |          | 119        | T        | T        |           |          |  |          |          |           |              | Π        |
|      |          | 20 .                 |                |                | П        |               | 寸        | 7         |              | П        |          |          | 70       |                 | $\neg$   | $\top$       | T            | Т            | $\top$   |           | $\neg$   |                     | ٦        |          | 120        | $\neg$   | $\neg$   |           |          |  |          |          | $\neg$    |              | Γ        |
| 1    |          | 21 4                 | _              | 1              |          | $\dashv$      | _        |           | 一            | Н        | $\neg$   |          | 71       | 7               | 7        | T            | T            | 丁            | 1        | 7         | $\neg$   |                     | 7        |          | 121        |          | 1        |           |          |  |          |          |           |              |          |
|      |          | 22 .                 |                | 1              |          |               | T        |           |              |          | $\neg$   |          | 72       |                 |          |              |              | $\top$       | 1        |           |          |                     |          |          | 122        |          |          |           |          |  |          |          |           |              |          |
| ا فر | Г        | 22 .<br>23 .<br>24 . |                | 1              |          |               |          |           |              |          |          |          | 73       |                 |          |              |              |              |          |           |          |                     |          |          | 123        |          |          |           |          |  |          |          |           | Ш            | ┖        |
| _    |          | 24 .                 | $\blacksquare$ |                |          |               |          |           |              |          |          |          | 74       |                 |          | $\perp$      |              |              |          |           |          |                     |          | L        | 124        |          |          | _         |          |  |          |          |           | $oxed{oxed}$ | L        |
|      |          | 25                   | $\Box$         | 7              | 7        |               |          |           |              |          |          | L        | 75       | _               | $\perp$  | $\perp$      |              | 1            | _        | 1         |          |                     | _        | L        | 125        | 4        | _        | _         | _        |  |          |          |           | Ш            | -        |
|      | <u> </u> | 26                   | _              | 7              | ~        |               | _        | _         |              |          | Ш        |          | 76       | 4               | 4        | 4            | 4            | _            | 4        | 4         | 4        | -1                  | _        | $\perp$  | 126        | _        | 4        | _         | _        |  |          |          | الــا     |              | ⊢        |
|      | <u> </u> | 27                   | 4              | 1              | 1        |               | _        |           |              |          | Щ        | <u> </u> | 77       |                 |          | $\downarrow$ | $\perp$      | +            | 4        | 4         | _        | -                   | _        | $\vdash$ | 127        | $\dashv$ | 4        | -         |          | Ш  |          |          | لـــــا   | -            | ╀        |
|      | L        | 28                   | 4              | 7              | 11       |               |          | _         |              | _        | Ш        | $\vdash$ | 78       | -               | -        | -            | 4            | -            | 4        | 4         | -        |                     | _        | -        | 128        |          | -        |           | _        |  |          |          | $\vdash$  | ├—           | ├        |
|      | Ш        | 29)                  | 4              | .7             |          |               |          |           |              | -        | 4        | $\vdash$ | 79       | -               | -+       |              | +            | $\downarrow$ | +        | -         | -        |                     | -        | -        | 129        | -        | $\dashv$ |           |          | -  | <u> </u> |          |           | -            | ┞        |
|      | L        | 30                   | +              | 7              | <i>\</i> |               |          |           | Н            | ⊢        | Н        | $\vdash$ | 80       |                 |          | +            | +            | +            | +        | $\dashv$  | $\dashv$ | -                   |          | $\vdash$ | 131        | -        | $\dashv$ | -         | _        | -  | -        | -        |           | -            | $\vdash$ |
| /    | <u> </u> | 31                   | +              | 7              | 4        |               |          | _         |              | ⊢        | H        | -        | 82       | -               | -+       | -            | +            | +            | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$            | -        | $\vdash$ | 132        | $\dashv$ | $\dashv$ | -         | _        |  |          | <u> </u> |           | -            | 1        |
|      | -        | 33                   | +              | 7              | 1        | $\vdash$      | $\dashv$ | _         |              | $\vdash$ | H        | $\vdash$ | 83       | -               | -+       | -+           | +            | +            | $\dashv$ | -         | $\dashv$ | -+                  | $\dashv$ | $\vdash$ | 133        |          | +        | -         |          | <del>                                     </del> | -        | ├-       |           | 一            | ✝        |
| i    | $\vdash$ | 34                   | +              | Ź              | 1        | $\vdash$      | $\dashv$ |           | H            | ┢        | H        | $\vdash$ | 84       | -               | -+       | $^+$         | +            | +            | $\dashv$ | 1         | $\dashv$ | $\dashv$            | -        | $\vdash$ | 134        |          | $\dashv$ | _         |          | <b>-</b>   |          |          | ļ         | ļΤ           | 1        |
|      | H        | 35                   | +              | -              | 17       | <del>  </del> | -+       |           | $\vdash$     | $\vdash$ | Н        | $\vdash$ | 85       | 十               | -+       | +            | $\dagger$    | 十            | 1        | ┪         | $\neg$   | +                   | -        | F        | 135        |          | $\neg$   |           | _        | T  |          | T        |           |              |          |
|      | 一        | 36                   | +              | 7              | 17       | $\vdash$      | _        | _         |              | $\vdash$ | Н        |          | 86       |                 | _        | 1            | 1            | 1            | 1        | 7         |          |                     | $\dashv$ |          | 136        | $\Box$   |          |           |          | Г  | Г        |          |           |              | Γ        |
|      | Ι.       | 37                   | +              | J              | 1        |               |          |           |              | t        | П        |          | 87       |                 | 7        | $\top$       | す            | $\exists$    | ╛        | 7         |          |                     | ٦        |          | 137        |          |          |           |          |  |          |          |           |              | L        |
|      | <b>-</b> | 38                   | 7              | -7             | 1        | 7             |          |           |              |          | П        | T        | 88       | $\Box$          | 7        |              | 寸            |              | $\neg$   | $\exists$ | $\neg$   |                     | 7        | Г        | 138        |          |          |           |          |  |          | L        |           | L            | 1_       |
| ١,   |          | 3¢                   | T              | 7              |          |               |          |           |              |          |          |          | 89       |                 |          |              | $\Box$       |              |          |           |          |                     |          |          | 139        |          |          |           |          |  | L_       | <u> </u> | _         | _            | Ļ        |
|      | 12       | 40                   | T              | 11             | 17       |               |          |           |              | Γ        |          |          | 90       |                 |          |              | T            |              |          |           |          |                     |          |          | 140        |          |          |           |          | <u>L</u>   |          | <u> </u> | L         | L            | !        |
| _    |          | 41                   |                |                | Г        |               |          |           |              |          |          |          | 91       |                 |          | Т            | $\Box$       | П            |          |           |          |                     |          |          | 141        |          |          |           |          |  | L        | L        | <u> </u>  | L            | Ļ        |
|      |          | 42                   |                | T              |          |               |          |           |              |          |          |          | 92       |                 |          |              | T            |              |          |           |          |                     |          |          | 142        | -        |          |           |          | <u>L</u>   | _        | L-       | L         | L            | ╄-       |
|      |          | 43                   | $\perp$        | L              |          |               |          |           |              |          |          |          | 93       |                 |          |              |              |              |          |           |          |                     |          |          | 143        | Ш        |          |           | _        | <u> </u>   | _        | ļ_       | <u> </u>  | <del> </del> | ┼-       |
|      |          | 44                   |                |                |          |               |          |           | _            |          | Ц        |          | 94       |                 | _        |              | $\perp$      | _            |          |           |          | $\sqcup$            | $\Box$   |          | 144        |          | _        |           | <u> </u> | ┞-   | <u> </u> | 1        | <u> </u>  | +            | +        |
|      |          | 45                   | $\perp$        | Д.             | 1        | Ш             | Щ        |           | _            | _        |          | _        | 95       | $\sqcup$        | _        | _            | $\downarrow$ | 4            | -        | _         |          | $\sqcup$            | $\Box$   |          | 145        |          |          | L         | $\vdash$ | -  | ├        | ╀        | -         | +            | +        |
|      | -        | 46                   | $\perp$        | $\perp$        | +        | Ш             | Ш        | <u> </u>  | $\vdash$     | -        |          | $\vdash$ | 96       | $\vdash$        |          | _            | -            | $\dashv$     | _        | _         |          | $\vdash$            | _        | $\vdash$ | 146        | _        |          | <u> </u>  | $\vdash$ | -  | -        | ├        | +-        | +            | +        |
|      | $\vdash$ | 47                   | _              | $\bot$         | 4        | Ш             | Ш        |           | _            | $\vdash$ | Н        | $\vdash$ | 97       | $\vdash \vdash$ | 4        | -            | 4            | 4            | 4        | _         |          | $\vdash \downarrow$ | 4        | $\vdash$ | 147        |          |          |           | -        | ┼-   | -        | $\vdash$ | +         | +            | +        |
|      | $\vdash$ | 48                   | <u>_</u>       | +              | <b> </b> | -             |          | _         | _            | $\vdash$ | $\sqcup$ | $\vdash$ | 98       | $\vdash \vdash$ | _        | $\dashv$     | $\dashv$     | $\dashv$     |          | _         |          | $\vdash \vdash$     | $\dashv$ | -        | 148        | -        |          | -         | $\vdash$ | ┼-   | +-       | +-       | ╁         | +-           | Ť        |
|      | -        | +                    | 4              | -              | ╂        | -             |          |           | -            | $\vdash$ | H        | -        | 100      | $\vdash$        | $\dashv$ | $\dashv$     | +            | $\dashv$     |          | -         |          | $\vdash \vdash$     | $\dashv$ | -        | 149        |          | _        | -         | ├        | $\vdash$   | +-       | +        | -         | $\vdash$     | I        |
|      | ш        | [50]                 |                |                | -        | L             | ш        | _         |              | _        | لـــا    | L_       | 1100     | لـــا           |          |              |              | _            | i        |           |          |                     |          | Ш        | JI DC      |          | —        |           | L        | 1  |          |          | _         |              |          |
|      |          |                      |                |                |          |               |          |           |              |          |          | 0        |          |                 |          |              |              |              |          |           |          |                     |          |          |            |          |          |           |          |  |          |          |           |              |          |

If more than 150 claims or 10 actions staple additional sheet here